Super bright WXGA projection
W460

Optoma

Wireless presentation and multimedia

Extraordinary bright WXGA projection with 4,600 lumens and 20000:1 contrast ratio

Extensive I/O connectivity with HDMI, VGA, audio, RJ45, USB and RS-232C

PC-free USB image viewer and office document reader

Wireless presentations and images with HDCast Pro (USB Wi-Fi adapter included)

Four corner correction for robust installations in any environment

USB display screen mirroring with iOS and Android devices

LAN display via Ethernet with Windows and Mac OS X

DLP TEXAS INSTRUMENTS · BrilliantColor · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · WIDESCREEN 16:9 ENHANCED · WUXGA · Full 3D · RoHS COMPLIANT · PC Free

The Optoma W460 is the ultimate 4,600 lumen WXGA projector for classrooms, corporate boardrooms and multi-purpose offices. Its 20,000:1 contrast ratio, sRGB and REC.709 color profile support produce luminous, sharp and colorful images with accurate colors that's visible practically any time of the day.

A PC-free image viewer and document reader displays office documents, PDFs and images from USB storage devices. HDCast Pro connectivity provides wireless screen mirroring with Android, Mac OS and Windows devices.

LAN display supports up to 4 simultaneous computers while USB display mirrors Android and iOS devices. A 1.2x zoom and four corner geometry correction allows flexible installations while robust input options include HDMI, VGA and RJ-45 for connectivity to a wide range of devices.

CONNECTIVITY (May require optional accessories)

Computers

Smart Phones

Tablets

3D Blu-ray/DVD Players

Camcorders

Apple TV®

Chromecast™

SUPER BRIGHT WXGA PROJECTION— W460

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DMD S450, DC3 chip DLP® Technology by Texas Instruments
Color Wheel	RYGBW
Native Resolution	WXGA (1280x800)
Maximum Resolution	WUXGA (1920x1200)
Brightness	4600 ANSI lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	4500/3500/2500 (EDU/ECO/Bright) - 285W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	± 30° vertical / ± 25° horizontal
Keystone Distortion	±0.5% max
Uniformity	75%
Offset	111.3% (%±5%)
Aspect Ratio	16:10 (native), 4:3, 16:9 and LBX compatible
Throw Ratio	1.28 - 1.53 (±5%)
Projection Distance	3.36' - 22.05' (no zoom)
Image Size	37.2 " - 204.2"
Projection Lens	F=2.59 ~2.81, f=16.87 ~ 21.87mm manual
Optical Zoom	1.2x
Digital Zoom	0.8 - 2.0
Audio	10W
Noise Level	31dB/37dB (ECO/Bright)
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	370W typical (Bright mode), 390W max (Bright mode), 300W typical (Eco+ mode), 320W max (Eco+ mode)
High Altitude	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

MULTIMEDIA AND PRESENTATION FEATURES

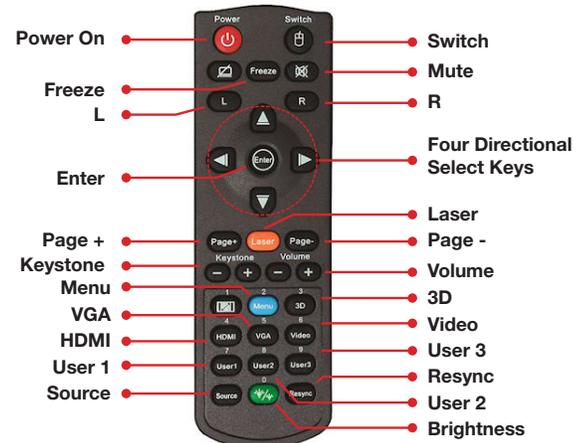|	
Wireless Screen Mirroring	Windows, Mac and Android devices (requires HD Cast Pro app)
LAN Display (Ethernet)	Screen mirroring with Windows and Mac systems, up to 4 simultaneous users (requires HD Cast Pro app)
USB Display	Screen mirror with Android and iOS devices over USB cable (requires HD Cast Pro app)
PC-free Image Viewer and and Document Viewer	Supports viewing of office documents (Word, Excel & Powerpoint [animations not supported]), PDFs and images via USB storage devices
PC-free Image Format Support	JPEG

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Compatibility[†]	Side-by-side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
Vertical Scan Rate	15 - 91kHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 26 languages
I/O Connection Ports	2xHDMI (with MHL), VGA-in, VGA-out, audio-in (3.5mm), audio-out (3.5mm), RJ-45, 1x USB (Wi-Fi adapter), 1x USB (USB reader and USB power), USB-B Mini (service), 12V trigger (3.5mm), RS-232C
Loop Through (Audio)	Yes

*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

[†]3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.

1. HDMI1-In
2. HDMI2-In (MHL)
3. RS-232C
4. VGA-In/YPbPr
5. Audio-In
6. RJ-45
7. 12V-Out
8. USB Wi-Fi Adapter
9. Mouse service
10. VGA-Out/YPbPr
11. Audio-Out
12. USB Reader/ Display
13. AC Power
14. Kensington™ Lock

Power On — Switch
Freeze — Mute
L — R
Enter — Four Directional Select Keys
Page + — Laser
Keystone — Page -
Menu — Volume
VGA — 3D
HDMI — Video
User 1 — User 3
Source — Resync
— User 2
— Brightness

PHYSICAL SPECIFICATIONS

Security protection	Security bar, Kensington lock, password
Weight	6.75 lbs.
Dimensions (W x H x D)	12.20" x 8.66" x 3.93"

Warranty

2-Year parts and labor limited warranty on the projector, 90 days lamp warranty

What's in the Box

W460 projector, AC power cord, remote control, USB Wi-Fi adapter, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP®Link™ 3D glasses, lamp, remote, WUSB (Wi-Fi adapter replacement)

Accessory Part Numbers

Lamp: BL-FP285A
Wi-Fi adapter: WUSB
Remote: BR-5011L

DLP® Link™ 3D glasses: ZD302
Universal ceiling mount: OCM818W-RU
Universal ceiling mount: BM-5001U
Universal ceiling mount (with extensional pole): OCM815W
Single-Cat6 HDBaseT kit: EVBMN-M110
Carrying case: SP.8VH03GC01

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